

P27125.A03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Joachim HASCH et al.

Group Art Unit: 1772

Appln. No. : 10/521,151

Examiner: Thomas, A

Filed : January 13, 2005

Confirmation No.: 9119

For : BUILDING BOARD

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Window, Mail Stop Amendment  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

Pursuant to Applicants' duty of disclosure under 37 C.F.R. §1.56, and in accordance with the provisions of 37 C.F.R. §§1.97 *et seq.*, Applicants respectfully bring the following documents, listed on the attached form PTO-1449, to the attention of the Examiner in charge of the above-identified application. Applicants respectfully request that the Examiner consider the materials cited and indicate such consideration by appropriately initialing the enclosed PTO-1449 and including a copy of the initialed form in the next official communication.

Copies of the cited/listed non-U.S. patent documents are included herewith. However, pursuant to the U.S. Patent and Trademark Office's decision to waive the requirement under 37 C.F.R. 1.98 (a)(2)(i), copies of the cited/listed U.S. patents and U.S. published patent applications are not enclosed herewith.

This citation does not constitute an admission that the documents are relevant or material to the claims. They are only cited as constituting related art of which Applicants are aware. Applicants became aware of the documents cited herein through the prosecution of previous patent applications before the USPTO and abroad, and through extensive litigation in the floor

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panel industry, including, for example, *Alloc, Inc. v. International Trade Commission*, 342 F.3d 1361, 68 U.S.P.Q. 1161 (Fed. Cir. 2003). Accordingly, these documents are being submitted pursuant to Applicants' duty of disclosure under 37 C.F.R. §1.56 and to assist the Examiner in performing the most effective examination process.

Applicants note that this Supplemental Information Disclosure Statement is being filed after receipt of the first action on the merits from the U.S. Patent and Trademark Office and prior to the mailing date of either a final rejection under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311. Accordingly, Applicants hereby authorize the Commissioner to charge any fees necessary to ensure consideration of the documents cited herein to Deposit Account No. 19-0089, including the amount of \$180.00 as set forth in 37 C.F.R. §1.17(p) for consideration of the documents under 37 C.F.R. §1.97(c).

Should there be any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,  
Joachim HASCH et al.



Andrew M. Calderon  
Reg. No. 38,093

December 13, 2006  
GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191

FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.  
P27125

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(Use several sheets if necessary)

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Filing Date  
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Group  
1772

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 7 9 7 1 7 5	8/25/98	Schneider			
	6 0 2 3 9 0 7	2/15/00	Pervan			
	6 7 6 9 2 1 7	8/3/04	Nelson			
	6 7 6 9 8 3 5	8/3/01	Stridsman			
	6 7 6 1 0 0 8	7/13/04	Chen et al.			
	6 7 1 1 8 6 4	3/30/04	Erwin			
	6 7 7 5 5 4 5	1/13/04	Chen et al.			
	6 6 1 7 0 0 9	9/9/03	Chen et al.			
	6 5 5 3 7 2 4	4/29/03	Bigler			
	6 4 6 0 3 0 6	10/8/02	Nelson			
	6 4 5 3 6 3 2	9/24/02	Huang			
	6 4 4 9 9 1 8	9/17/02	Nelson			
	6 4 3 8 9 1 9	8/27/02	Knauseder			
	6 4 2 7 4 0 8	8/6/02	Krieger			
	6 0 6 5 2 6 2	5/23/00	Motta			
	2004/0206036	10/21/04	Pervan			
	2004/0177584	9/16/04	Pervan			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
2 6 1 6 0 7 7	10/27/77	DE			
2 5 0 2 9 9 2	7/29/76	DE			
1 0 3 4 1 1 7	6/29/66	DE			
1 0 3 3 8 6 6	6/22/66	GB			
1 0 4 4 8 4 6	10/5/66	GB			
4 2 1 5 2 7 3	11/18/93	DE			
8 1 2 6 7 1	4/29/59	GB			
2 2 3 8 6 6 0	6/5/91	GB			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Webster Dictionary, page 662.

Opposition II EPQ 698.162 - Facts - Arguments Evidence (11 pages) - translation

EXAMINER

/Alexander Thomas/

DATE CONSIDERED

08/28/2009

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P27125	Application No. 10/521,151
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		Applicant <b>Joachim HASCH et al.</b>	
		Filing Date January 13, 2005	Group 1772

U.S. PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
		2 1 2 3 4 0 9	7/12/38	Elmendorf					
		2 2 8 0 0 7 1	4/21/42	Hamilton					
		4 2 4 5 6 8 9	1/20/81	Grard et al.					
		4 6 5 4 2 4 4	3/31/87	Eckert et al.					
		4 9 4 7 6 0 2	8/14/90	Pollasky					
		5 1 0 3 6 1 4	4/14/92	Kawaguchi et al.					
		5 2 0 5 0 9 1	4/27/93	Brown					
		5 7 3 6 2 2 7	4/7/98	Sweet et al.					
		5 5 4 0 0 2 5	7/30/96	Takehara et al.					
		5 2 8 3 1 0 2	2/1/94	Sweet et al.					
		1 9 2 1 1 6 4	8/8/33	Lewis					
		6 1 8 2 4 1 0	2/6/01	Pervan					
		4 8 4 5 9 0 7	7/11/89	Meek					

FOREIGN PATENT DOCUMENTS									
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
		19 7 0 9 6 4 1	9/24/98	EP					
		19 9 2 5 2 4 8	12/21/00	EP					
		0 9 7 4 7 1 3	1/26/00	EP					
		2 6 3 7 9 3 2	4/20/90	FR					
		2 7 8 1 5 1 3	1/28/00	EP					
		2 7 8 5 6 3 3	5/12/00	EP					
		711 4 9 0 0 - 9	9/12/74	SE					
		4 5 0 4 1 1	6/22/87	SE					
		1 1 2 7 9 1 5	9/18/68	GB					
		1 2 3 7 7 4 4	6/30/68	GB					
		1 2 7 5 5 1 1	5/24/72	GB					
		1 4 3 0 4 2 3	3/31/76	GB					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	U.S. Court of Appeals for the Federal Circuit, 02-1222-1204 Allice, Inc. vs. International Trade Commission, pp. 1-32.
	U.S. Court of Appeals for the Federal Circuit Decision in Allice, Inc. et al. vs. International Trade Commission and Pergs, Inc. et al. decided September 10, 2003.

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		6 6 7 2 0 3 0	1/6/04	Schulte			
		6 3 4 5 4 8 1	2/12/02	Nelson			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
		0000200-6	8/27/01	SE				
		8-109734	4/30/96	JP				
		0 9 6 9 1 6 4	1/5/00	EP				
		2 9 1 7 0 2 5	11/27/80	DE				
		1 0 8 9 9 6 6	9/29/60	DE				
		19 7 1 8 3 1 9	11/12/98	DE				
		4 0 0 4 8 9 1	9/27/90	DE				
		1 3 9 9 4 0 2	7/2/75	GB				
		5 5 7 8 4 4	6/15/57	BE				
		7- 3 0 0 9 7 9	11/14/95	JP				
		2 6 3 0 1 4 9	10/20/89	FR				
		2 6 6 8 2 9 5	5/31/86	FR				
		2 1 1 7 8 1 3	10/19/83	GB				
		0 2 4 8 1 2 7	12-9-87	EP				

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	5 9 5 3 8 7 8	9/21/99	Johnson			
	5 6 9 4 7 3 4	12/9/97	Cercone et al.			
	5 3 4 8 7 7 8	9/20/94	Knipp et al.			
	5 2 5 1 9 9 6	10/12/93	Hiller et al.			
	4 1 6 4 8 3 2	8/21/79	Van Zandt			
	3 7 6 0 5 4 8	9/25/73	Sauer et al.			
	3 7 2 0 0 2 7	3/13/73	Christensen			
	3 6 0 8 2 5 8	9/28/71	V.E. Spratt			
	2 3 2 8 0 5 1	8/31/43	A.S. Bull			
	2 2 2 0 6 0 6	11/5/40	Malarkey et al.			
	2 0 6 5 5 2 5	12/29/36	Hamilton			
	2 0 2 3 0 6 6	12/3/35	Curtis et al.			
	1 9 4 6 6 4 8	2/13/34	Taylor			
	1 7 7 9 7 2 9	10/28/30	Bruce			
	6 2 3 5 6 2	4/25/1899	Rider			
	5 6 5 3 0 9 9	8/5/97	MacKenzie			

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
86 0 4 0 0 4 9	6/12/86	DE			
7 6 0 1 7 7 3	2/20/76	NE			
5- 1 4 8 9 8 4	6/15/93	JP			
3 2 4 6 3 7 6	2/5/87	DE			
7 1 0 2 4 7 6	6/24/71	DE			
1 5 7 8 7 1	2/22/88	NO			
0 2 4 8 1 2 7	12/9/87	EP			
8 4 3 0 6 0	8/2/84	FI			
5 1 2 3 1 3	2/28/00	SE			
2 2 8 9 3 0 9	7/18/00	CA			
2 2 5 2 6 4 3	10/26/72	DE			

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	6 1 1 9 4 2 3	9/19/00	Costantino			
	6 1 4 8 8 8 4	11/21/00	Bolyard et al.			
	2 1 3 7 4 0	4/1/1879	Conner			
	4 7 6 9 9 6 3	9/13/88	Meyerson			
	5 2 9 5 3 4 1	3/22/94	Kajiwara			
	4 8 1 9 9 3 2	4/11/89	Trotter, Jr.			
	4 4 2 6 8 2 0	1/24/84	Terbrack et al.			
	3 5 3 8 6 6 5	11/10/701	Gohner			
	6 0 0 6 4 8 8	12/28/99	Moriau et al.			
	4 2 4 6 3 1 0	1/20/81	Hunt et al.			
	5 3 4 9 7 9 6	9/27/94	Meyerson			
	2 7 4 0 1 6 7	4/3/56	Rowley			
	3 5 2 6 4 2 0	9/1/70	Brancaleone			
	4 0 0 6 0 4 8	2/1/77	Cannady, Jr. et al.			
	4 9 0 5 4 4 2	3/6/90	Daniels			
	2 4 3 0 2 0 0	11/4/47	Wilson			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
3 2 1 4 2 0 7	11/18/82	DE				
4 1 3 4 4 5 2	4/22/93	DE				
3- 1 6 9 9 6 7	7/23/91	JP				
3 0 4 1 7 8 1	6/24/82	DE				
19 6 5 1 1 4 9	6/18/98	DE				
5 8 5 2 0 5	1/31/47	DE				
20 0 1 7 4 6 1	3/22/01	DE				
7- 3 1 0 4 2 6	11/28/95	JP				
4- 1 0 6 2 6 4	4/8/92	JP				
59- 1 8 6 3 3 6	10/23/84	JP				
2 1 2 6 1 0 6	3/21/84	GB				

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2003/0024200	2/6/03	Morlau et al.			
	2002/0056245	5/16/02	Thiers			
	2002/0020127	2/21/02	Thiers et al.			
	2002/0014047	2/7/02	Thiers			
	6 6 3 5 1 7 4	10/21/03	Berg et al.			
	6 5 1 0 6 6 5	1/28/03	Pervan			
	6 4 4 6 4 0 5	9/10/02	Pervan			
	6 3 2 4 8 0 3	12/4/01	Pervan			
	6 4 9 7 9 6 1	12/24/02	Kang et al.			
	6 5 1 0 6 6 5	1/28/03	Pervan			
	6 5 1 6 5 7 9	2/11/03	Pervan			
	6 5 1 7 9 3 5	2/11/03	Kornfalt et al.			
	6 5 3 2 7 0 9	3/19/03	Pervan			
	6 5 3 3 8 5 5	3/19/03	Gaynor et al.			
	6 5 5 8 7 5 4	5/6/03	Velin et al.			
	6 5 6 5 9 1 8	5/20/03	Hansson et al.			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
29 7 1 0 1 7 5	9/25/97	DE			
200 0 2 0 7 0 3	1/6/00	AU			
7 1 3 6 2 8	5/3/98	AU			
0 6 9 0 1 8 5	1/3/96	EP			
9 9 1 3 7 3	6/22/76	CA			
5 9 9 7 9 3	3/22/48	GB			
6 3 6 4 2 3	4/28/50	GB			
2 0 0 9 4 9	1/16/39	CH			
4 1 7 5 2 6	9/19/36	BE			
6- 3 2 0 5 1 0	11/22/94	JP			
6- 1 4 6 5 5 3	5/27/94	JP			
92 / 1 7 6 5 7	10/15/92	WO			
87 / 0 3 8 3 9	7/2/87	WO			
2 7 1 2 3 2 9	5/19/95	FR			

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[P27125 00102533.DOC] ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.T./



FORM PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P27125	Application No. 10/521,151	
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<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
		6 5 8 8 1 6 6	7/8/03	Martensson et al.		
		6 6 4 1 6 2 9	11/4/03	Safta et al.		
		4 2 4 3 7 1 6	1/6/81	Kosaka et al.		
		6 1 6 8 8 6 6	1/2/01	Clark		
		D 4 4 2 2 9 6	5/15/01	Kolik		
		D 4 4 2 2 9 7	5/15/01	Kolik		
		D 4 4 2 2 9 7	5/15/01	Kolik		
		D 4 4 2 7 0 6	5/22/01	Kolik		
		D 4 4 2 7 0 7	5/22/01	Kolik		
		6 2 3 8 7 9 8	5/29/01	Kang et al.		
		D 4 4 9 1 1 9	10/9/01	Kolik		
		D 4 4 9 3 9 1	10/16/01	Kolik		
		D 4 4 9 3 9 2	10/16/01	Kolik		
		6 3 9 7 5 4 7	6/4/02	Martensson		
		6 4 3 6 1 5 9	8/20/02	Safta et al.		
		6 4 4 6 4 0 5	9/10/02	Pervan		
<b>FOREIGN PATENT DOCUMENTS</b>						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS
		96 / 3 0 1 7 7	10/3/96	WO		
		3 0 5 6 1 4	6/28/99	NO		
		5 0 9 0 5 9	11/30/98	SE		
		2 6 7 5 1 7 4	10/16/91	FR		
		2 6 9 1 4 9 1	11/26/93	FR		
		2 6 9 7 2 7 5	4/29/94	FR		
		2 1 1 8 7 7	1/16/41	CH		
		0 6 2 3 7 2 4	11/9/94	EP		
		0 6 5 2 3 4 0	5/10/95	EP		
		0 8 4 9 4 1 6	6/24/98	EP		
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	6 4 5 8 2 3 2	10/1/02	Valentinsson			
	6 4 6 1 6 3 6	10/8/02	Arth et al.			
	2005/0003149	1/6/05	Kornfalt et al.			
	2004/0258907	12/23/04	Kornfalt et al.			
	2002/0106439	8/8/02	Cappelle			
	2004/0092006	5/13/04	Lindekens et al.			
	4 0 9 1 1 3 6	5/23/78	O'Brian et al.			
	6 1 8 6 7 0 3	2/13/01	Shaw			
	4 7 5 2 4 9 7	6/21/88	McConkey et al.			
	2003/0115812	6/26/03	Pervan			
	2003/0196405	10/23/03	Pervan			
	2003/0115821	6/26/03	Pervan			
	2003/0233809	12/25/03	Pervan			
	2004/0035078	2/26/04	Pervan			
	2004/0139678	7/22/04	Pervan			
	2004/0016196	1/29/04	Pervan			

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
98 / 3 8 4 0 1	9/3/98	WO				
99 / 6 6 1 5 1	12/23/99	WO				
98 / 2 4 9 9 4	6/11/98	WO				
98 / 2 4 4 9 5	6/11/98	WO				
20 2 1 8 3 3 1	5/6/04	DE				
1 2 0 0 6 9 0	5/2/02	EP				
5 6 2 3 7 7	5/30/75	CH				
0 6 6 7 9 3 6	8/23/95	CH				
6- 2 0 0 6 1 1	7/19/94	JP				
8- 2 7 0 1 9 3	10/15/96	JP				
5 0 2 9 9 4	4/3/96	SE				

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	1 4 6 8 2 8 8	9/18/23	Een			
	1 4 5 4 2 5 0	5/8/23	Parsons			
	1 4 0 7 6 7 9	2/21/22	Ruthrauff			
	4 5 0 1 1 0 2	2/28/85	Knowles			
	4 0 9 9 3 5 8	7/11/78	Compaan			
	4 0 9 0 3 3 8	5/23/78	Bourgade			
	1 9 8 6 7 3 9	1/1/35	Mitte			
	5 6 3 0 3 0 4	5/20/97	Austin			
	5 5 0 2 9 3 9	4/2/96	Zadok et al.			
	5 2 1 6 8 6 1	6/8/93	Meyerson			
	1 8 9 8 3 6 4	2/21/33	Gynn			
	5 1 7 9 8 1 2	1/19/93	Illl			
	5 6 7 1 5 7 5	9/30/97	Wu			
	4 7 3 8 0 7 1	4/19/88	Ezard			
	5 5 9 7 0 2 4	1/28/97	Bolyard et al.			
	5 5 6 7 4 9 7	10/22/96	Zegler et al.			
	5 5 4 0 0 2 5	7/30/96	Takehara et al.			
	1 4 7 7 8 1 3	12/18/23	Daniels			
	2003/0024201	2/6/03	Morlau et al.			
	2003/0024200	2/6/03	Morlau et al.			

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	4 2 4 0 5 7	2/14/35	DE			
	3 1 4 2 0 7	9/6/19	DE			
	7 4 0 2 3 5	10/15/43	DE			
	7 4 0 2 3 5 4	5/30/74	DE			
	4 0 0 2 5 4 7	8/1/91	DE			
	0 9 6 9 1 6 4	1/5/00	DE			
	1 2 1 2 2 2 5	3/10/86	DE			

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FORM PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Att. Docket No. P27125	Application No. 10/521,151
		Applicant Joachim HASCH et al.	
		Filing Date January 13, 2005	Group 1772

INFORMATION DISCLOSURE STATEMENT  
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2003/0029116	2/13/03	Moriau et al.			
	2003/0029117	2/13/03	Moriau et al.			
	4 6 1 2 7 4 5	9/23/86	Hovde			
	4 5 6 1 2 3 3	12/31/85	Harter et al.			
	4 7 1 5 1 6 2	12/29/87	Brightwell			
	4 8 4 5 9 0 7	7/11/89	Meek			
	4 6 5 3 2 4 2	3/31/87	Ezard			
	4 8 3 1 8 0 6	5/23/89	Niese et al.			
	3 2 0 3 1 4 9	8/31/65	Soddy			
	3 2 8 2 0 1 0	11/1/66	King, Jr.			
	3 7 1 4 7 4 7	2/6/73	Curran			
	3 2 6 7 6 3 0	8/23/66	Omholt			
	3 5 5 5 7 6 2	1/19/71	Costanzo, Jr.			
	3 5 5 3 9 1 9	1/12/71	Omholt			
	3 4 8 1 8 1 0	12/2/69	Waite			
	3 4 6 0 3 0 4	8/12/69	Braeuninger et al.			
	3 9 0 8 0 5 3	9/23/75	Hettich			
	3 9 0 2 2 9 3	9/2/75	Witt et al.			
	3 9 3 6 5 5 1	2/3/76	Elmendorf et al.			
	6 5 1 6 5 7 9	2/11/03	Pervan			
	1 9 8 6 7 3 9	1/1/35	Mitte			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
2 6 9 1 4 9 1	11/26/83	FR				
1 2 1 2 2 7 5	3/10/66	DE				
7- 3 0 0 9 7 9	11/14/95	JP				
19 7 0 9 6 4 1	9/24/98	DE				
1 5 3 4 2 7 8	2/18/66	DE				
19 9 2 5 2 4 8	12/22/00	DE				
7 - 7 6 9 2 3	3/20/95	JP				

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	1 1 2 4 2 2 8	1/5/15	Houston			
	3 6 9 4 9 8 3	10/3/72	Couquet			
	7 5 3 7 9 1	3/1/1904	Fulghum			
	5 7 0 6 6 2 1	1/13/98	Pervan			
	5 2 1 6 8 6 1	6/8/93	Meyerson			
	5 3 4 9 7 9 6	9/27/94	Meyerson			
	3 8 5 9 0 0 0	1/7/75	Webster			
	5 2 9 5 3 4 1	3/22/94	Kajiwara			
	4 7 6 9 9 6 3	9/13/88	Meyerson			
	3 5 3 8 6 6 5	11/10/70	Gohner			
	3 3 1 0 9 1 9	3/28/67	Bue et al.			
	2 7 4 0 1 6 7	4/3/56	Rowley			
	2 2 7 6 0 7 1	3/10/42	Scul			
	2001/0029720	10/18/01	Pervan			
	2 3 9 8 6 3 2	4/16/46	Frost et al.			
	3 7 6 8 8 4 6	10/30/73	Hensley et al.			
	4 7 0 3 5 9 7	11/3/87	Eggemar			
	5 9 4 3 2 3 9	8/24/99	Shamblin et al.			
	5 9 3 5 6 6 8	8/10/99	Smith			
	5 8 2 3 2 4 0	10/20/98	Bolyard et al.			
	5 9 8 7 8 3 9	11/23/99	Hamar et al.			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
3 6 3 7 9 5	12/25/72	RU				
5 0 9 0 6 0	11/30/98	SE				
5 0 1 0 1 4	10/17/94	BE				
5 0 6 2 5 4	11/24/97	BE				
4 2 4 2 5 3 0	6/23/94	DE				
94 1 2 6 9 9 9	11/24/94	WO				
5 5 7 8 4 4	3/11/60	BE				

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 9 6 8 6 2 5	10/19/99	Hudson			
	6 2 1 6 4 0 3	4/17/01	Belbeoc'h			
	6 2 0 5 6 3 9	3/27/01	Pervan			
	6 7 1 5 2 5 3	4/6/04	Pervan			
	6 7 6 6 6 2 2	7/27/04	Thiers			
	2005/0016099	1/27/05	Thiers			
	2004/0255541	12/23/04	Thiers et al.			
	2004/0250493	12/16/04	Thiers et al.			
	2004/0244322	12/9/04	Thiers et al.			
	2004/0241374	12/2/04	Thiers et al.			
	2004/0237448	12/2/04	Thiers et al.			
	2004/0237447	12/2/04	Thiers et al.			
	2004/0159066	8/19/04	Thiers et al.			
	2003/0159385	8/28/03	Thiers			
	2003/0033777	2/20/03	Thiers et al.			
	2003/0029117	2/13/03	Moriau et al.			
	2003/0029115	2/13/03	Moriau et al.			
	2003/0024201	2/6/03	Moriau et al.			

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
19 6 1 6 5 1 0	3/12/98	DE			
5 3 1 9 8 9	8/6/31	DE			
2 1 1 7 8 1 3	10/19/83	GB			
2 0 0 9 4 9	1/16/39	CH			
7 1 0 2 4 7 6	6/24/71	DE			
54 - 6 5 5 2 8	5/28/79	JP			
5 0 1 9 1 4	6/19/95	SE			
5 1 2 2 9 0	2/28/00	SE			
99 1 4 0 2 7 3	08/12/99	WO			
0 9 6 9 1 6 3	1/5/00	EP			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4 4 2 6 8 2 0	1/24/84	Terbrack et al.			
		2 4 3 0 2 0 0	11/4/47	Wilson			
		3 8 5 9 0 0 0	1/7/75	Webster			
		3 5 2 6 4 2 0	9/1/70	Brancaleone			
		6 2 0 9 2 7 8	4/3/01	Tychsen			
		6 4 1 8 6 8 3	7/16/02	Martensson et al.			
		6 5 9 1 5 6 8	7/15/03	Palsson			
		5 7 9 7 2 3 7	8/25/98	Finkell Jr.			
		1 7 7 6 1 8 8	9/16/30	Langb'aum			
		6 1 0 1 7 7 8	8/15/00	Martensson			
		6 3 4 5 4 8 1	2/12/02	Nelson			
		6 4 9 0 8 3 6	12/10/02	Morlaeu et al.			
		2002/0046526	4/25/02	Pervan et al.			
		6 7 7 2 5 6 8	8/10/04	Thiers et al.			
		2004/0105994	6/3/04	Lu et al.			
		4 4 3 1 0 4 4	2/12/84	Bruneau			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
		0 9 0 3 4 5 1	3/24/99	EP				
		0 9 5 8 4 4 1	7/23/03	EP				
		00 1 0 6 8 5 4	2/10/00	WO				
		2 6 1 6 0 7 7	10/27/77	DE				
		1 6 3 4 2 1	9/18/68	ES				
		4 6 0 1 9 4	5/16/78	ES				
		1 0 1 9 5 8 5	12/12/91	ES				
		2 8 3 3 3 1	5/16/85	ES				
		01 1 6 6 8 7 6	9/13/01	WO				
		99 1 6 6 1 5 2	12/23/99	WO				
		00 1 6 6 8 5 6	11/9/00	WO				

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4 4 7 1 0 1 2	9/11/84	Maxwell			
		5 1 1 7 6 0 3	6/2/92	Weintraub			
		5 8 2 7 5 9 2	10/27/98	Van Gulik et al.			
		5 5 7 0 5 5 4	11/5/96	Searer			
		5 1 6 5 8 1 6	11/24/92	Parasin			
		3 9 8 8 1 8 7	10/26/76	Witt et al.			
		7 1 4 9 8 7	12/2/1902	Wolfe			
		3 3 4 7 0 4 8	10/17/67	Brown et al.			
		1 8 2 3 0 3 9	9/15/31	Gruner			
		1 5 1 0 9 2 4	10/7/24	Daniels et al.			
		2 4 3 0 2 0 0	11/4/47	Wilson			
		6 2 0 9 2 7 8	4/3/01	Tychsen			
		6 7 1 1 8 6 9	3/30/04	Tychsen			
		6 5 6 9 2 7 2	5/27/03	Tychsen			
		6 5 2 1 3 1 4	2/18/03	Tychsen			
		2 4 3 0 2 0 0	11/4/47	Wilson			
		1 6 3 7 6 3 4	8/2/27	Carter			
		1 6 6 0 4 8 0	2/28/28	Daniels			
		1 6 4 4 7 1 0	10/11/27	Crooks			
		4 2 4 2 3 9 0	12/30/80	Nemeth			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
		4 2 4 2 5 3 0	9/12/96	DE				
		4 1 0 7 1 5 1	2/2/95	DE				
		3 5 4 4 8 4 5	12/12/66	DE				
		4 0 0 4 8 9 1	9/27/90	DE				
		2 0 0 7 1 2 9	9/2/71	DE				
		1 5 3 4 8 0 2	4/2/70	DE				
		3 0 4 1 7 8 1	6/24/82	DE				
		7 9 2 8 7 0 3	5/21/81	DE				

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		1 9 0 6 4 1 1	5/2/33	Potvin			
		1 9 4 0 3 7 7	12/19/33	Storn			
		1 6 0 2 2 5 6	10/5/26	Sellin			
		1 5 7 5 8 2 1	3/9/26	Daniels			
		1 7 7 8 0 6 9	10/14/30	Fetz			
		1 8 5 9 6 6 7	5/24/32	Gruner			
		5 4 9 7 5 8 9	3/12/96	Porter			
		1 5 4 0 1 2 8	6/2/25	Houston			
		1 6 0 2 2 6 7	10/5/26	Karwisch			
		1 7 1 8 7 0 2	6/25/29	Pfiesler			
		1 7 6 4 3 3 1	6/17/30	Moratz			
		1 7 1 4 7 3 8	5/28/29	Smith			
		6 7 6 1 7 9 4	7/13/04	Mott et al.			
		6 7 4 5 5 3 4	6/8/04	Kornfalt			
		6 7 2 9 0 9 1	5/4/04	Martensson			
		6 7 2 3 4 3 8	4/20/04	Chang et al.			
		6 7 1 5 2 5 3	4/6/04	Pervan			
		6 6 8 5 9 9 3	2/3/04	Hansson et al.			
		6 6 8 1 8 2 0	1/27/04	Olofsson			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
		96 / 2 7 7 1 9	9/12/96	WO				
		89 / 0 8 5 3 9	9/21/89	WO				
		94 / 0 1 6 2 8	1/20/94	WO				
		95 / 0 6 1 7 6	3/2/95	WO				
		96 / 2 7 7 2 1	9/12/96	WO				
		93 / 1 9 9 1 0	10/14/93	WO				
		19 7 1 8 3 1 9	11/12/98	DE				
		29 5 1 7 1 2 8	2/15/96	DE				
		1 0 8 9 9 6 6	9/29/60	DE				

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6 6 5 9 0 9 7	12/9/03	Houston			
	6 6 4 9 6 8 7	11/18/03	Gheewala et al.			
	6 6 4 6 0 8 8	11/11/03	Fan et al.			
	6 4 6 5 0 4 6	10/15/02	Hansson et al.			
	5 2 5 3 4 6 4	10/19/93	Nilsen			
	6 3 2 4 8 0 3	12/4/01	Pervan			
	5 8 6 0 2 6 7	1/19/99	Pervan			
	1 6 1 5 0 9 6	1/18/27	Meyers			
	1 6 2 2 1 0 4	3/22/27	Fulton			
	5 3 9 0 4 5 7	2/21/95	Sjlander			
	1 9 5 3 3 0 6	4/3/34	Moratz			
	6 1 0 1 7 7 8	8/15/00	Martensson			
	5 7 0 6 6 2 1	1/13/98	Pervan			
	2004/0139678	7/22/04	Pervan			
	2004/0177584	9/16/04	Pervan			
	2004/0206036	10/21/04	Pervan			
	6 7 6 9 2 1 8	8/3/04	Pervan			

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
3 5 1 2 2 0 4	10/16/86	DE			
4 3 2 4 1 3 7	1/26/95	DE			
19 7 3 5 1 8 9	6/21/00	DE			
4 0 1 1 6 5 6	1/26/95	DE			
97 / 4 7 8 3 4	12/18/97	WO			
09 6 0 0 5 2 7	6/2/98	BE			
2 9 1 7 0 2 5	11/27/80	DE			
7 4 0 2 3 5 4	5/30/74	DE			
3 3 4 3 6 0 1	6/13/85	DE			
8 2 2 6 1 5 3	1/5/83	DE			
7 9 1 1 9 2 4	3/28/81	DE			

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	6 0 2 3 9 0 7	2/15/00	Pervan			
	6 5 3 2 7 0 9	3/18/03	Pervan			
	6 8 0 3 1 0 9	10/12/04	Qiu et al.			
	6 8 0 5 9 5 1	10/19/04	Kornfalt et al.			
	6 8 2 3 6 3 8	11/30/04	Stanchfield			
	2003/0033784	2/20/03	Pervan			
	6 8 4 1 0 2 3	1/11/05	Mott			
	6 7 6 3 6 4 3	7/20/04	Martensson			
	4 2 9 9 0 7 0	11/10/81	Oltmanns et al.			
	1 6 2 2 1 0 3	3/22/27	Fulton			
	1 7 3 4 8 2 6	11/5/29	Pick			
	1 7 8 7 0 2 7	12/30/30	Wasteff			
	1 9 2 9 8 7 1	10/10/33	Jones			
	2 8 9 4 2 9 2	7/14/59	Gramelspacker			
	6 1 3 4 8 5 4	10/24/00	Stanchfield			
	2001/0034992	11/1/01	Pietzer et al.			
	2002/0046528	4/25/02	Pervan et al.			
	2002/0020127	2/21/02	Thiers et al.			
	6 1 8 2 4 1 0	2/6/01	Pervan			
	2002/0007608	1/24/02	Pervan			

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20 0 1 8 2 8 4	3/1/01	DE				
20 0 0 1 2 2 5	8/31/00	DE				
4 1 7 5 2 6	9/22/36	BE				
09 7 0 0 3 4 4	10/6/98	BE				
1 5 3 4 2 7 8	11/18/71	DE				
2 2 5 2 7 9 1	5/25/99	CA				
2 2 2 6 2 8 6	12/18/97	CA				

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		6 0 9 4 8 8 2	8/1/00	Pervan			
		2002/0007609	1/24/02	Pervan			
		6 2 0 5 6 3 9	3/27/01	Pervan			
		5 7 9 7 2 3 7	8/25/98	Finkell, Jr.			
		6 2 1 6 4 0 9	4/17/01	Roy et al.			
		3 5 2 6 4 2 0	9/1/70	Brancaleone			
		4 1 6 9 6 8 8	10/2/79	Toshio			
		4 7 3 8 0 7 1	4/19/88	Ezard			
		5 1 7 9 8 1 2	1/19/93	Hill			
		5 6 3 0 3 0 4	5/20/97	Austin			
		6 2 0 9 2 7 8	4/3/01	Tychsen			
		2 3 2 4 6 2 8	7/20/43	G. Kahr			
		2 0 4 4 2 1 6	6/16/36	Klages			
		3 1 0 0 5 5 6	4/13/63	De Ridder			
		3 1 2 5 1 3 8	3/17/64	Bolenbach			
		3 1 8 2 7 6 9	5/11/65	De Ridder			
		5 1 1 3 6 3 2	5/19/92	Hanson			
		5 4 7 4 8 3 1	12/12/95	Nystrom			
		6 4 3 3 8 0 6	7/18/95	Pasquali et al.			
		6 1 0 1 7 7 8	8/15/00	Martensson			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
		1 2 9 3 0 4 3	4/2/62	FR				
		2 6 6 7 6 3 9	4/10/92	FR				
		0 6 9 8 1 6 2	9/16/98	EP				
		1 0 2 6 3 4 1	8/6/03	EP				
		0 8 7 7 1 3 0	1/26/00	EP				
		0 8 5 5 4 8 2	12/1/99	EP				
		0 8 4 3 7 6 3	10/4/00	EP				
		2 2 4 3 3 8 1	10/30/91	GB				
		9 9 1 3 7 3	6/22/76	CA				

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	2002/0106680	10/31/02	Laurence et al.			
	6 4 2 1 9 7 0	7/23/02	Martensson et al.			
	3 3 4 7 0 4 8	10/17/67	Brown et al.			
	1 9 5 3 3 0 6	4/3/34	Moratz			
	6 7 1 1 8 6 9	3/30/04	Tychsen			
	5 8 6 0 2 6 7	1/19/99	Pervan			
	5 7 6 8 8 5 0	6/23/98	Chen			
	5 3 4 9 7 9 6	9/27/94	Meyerson			
	5 0 2 9 4 2 5	7/9/91	Bogatej			
	4 6 4 1 4 6 9	2/10/87	Wood			
	4 1 6 9 6 8 8	10/2/79	Toshio			
	3 7 5 9 0 0 7	9/18/73	Thiele			
	3 7 3 1 4 4 5	5/8/73	Hoffmann et al.			
	3 0 4 5 2 9 4	7/24/62	Livezey Jr.			
	1 9 8 8 2 0 1	1/15/35	Hall			
	2 1 3 7 4 0	4/1/1879	A.J. Conner			
	5 2 9 5 3 4 1	3/22/94	Kajiwara			
	6 5 1 6 5 7 9	2/11/03	Pervan			
	4 8 1 9 9 3 2	4/11/89	Trotter Jr.			

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
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6- 3 2 0 5 1 0	22/11/94	JP			
7- 7 6 9 2 3	20/3/95	JP			
7- 1 8 0 3 3 3	18/7/95	JP			Abstract
0 0 5 5 6 6	26/9/02	AT			
2 7 7 6 9 5 6	10/8/99	FR			
2 1 5 2 0 6 3	7/31/85	GB			
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4 5 0 1 4 1	9/6/87	SE			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 809; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.T./

FORM PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P27125	Application No. 10/521,151
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		Applicant Joachim HASCH et al.	
		Filing Date January 13, 2005	Group 1772

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	4 4 2 6 8 2 0	1/24/84	Terbrack et al.			
	2 3 9 8 6 3 2	4/16/46	O.W. Frost et al.			
	5 2 5 3 4 6 4	10/19/93	Nilsen			
	1 8 9 8 3 6 4	2/21/33	G.S. Gynn			
	6 7 8 6 0 1 9	9/7/04	Thiers			
	6 4 9 0 8 3 6	12/10/02	Moriau et al.			
	3 2 0 4 3 8 0	9/7/65	B.F.B. Smith et al.			
	6 3 6 3 6 7 7	4/2/02	Chen et al.			
	6 7 8 6 0 1 9	9/7/04	Thiers			
	6 0 0 6 4 8 6	12/28/99	Moriau et al.			
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	6 4 4 9 9 1 3	9/17/02	Shelton			
	4 1 1 8 5 3 3	10/3/78	Hipchen et al.			
	2003/0167717	9/11/03	Garcia			
	5 4 1 3 8 3 4	5/9/95	Hunter et al.			

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
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6 - 5 6 3 1 0	5/8/94	JP			
1 4 3 0 4 2 3	3/31/76	GB			
2 1 6 8 0 4 5	16/05/02	ES			
1 0 1 9 5 8 5	1/4/92	ES			
20 2 0 6 4 6 0	14/8/02	DE			
2 6 2 3 5 4 4	5/26/89	FR			
2 2 5 6 0 2 3	11/25/92	GB			
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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER	/Alexander Thomas/	DATE CONSIDERED	08/28/2009
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.T./

FORM PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P27125	Application No. 10/521,151
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		Applicant Joachim HASCH et al.	
		Filing Date January 13, 2006	Group 1772

**U.S. PATENT DOCUMENTS**

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	5 3 3 5 4 7 3	8/9/94	Chase			
	5 1 3 6 8 2 3	8/11/92	Pellegrino			
	4 5 8 5 6 8 5	4/29/86	Forry et al.			
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	3 8 7 8 0 3 0	4/15/75	Cook			
	6 2 2 4 6 9 8	5/1/01	Endo			
	6 4 2 1 9 7 0	7/23/02	Martensson et al.			
	6 2 4 7 2 8 5	6/19/01	Moebus			
	6 7 8 6 0 1 9	9/7/04	Thiers			
	2003/0159385	8/28/03	Thiers			
	6 4 9 0 8 3 6	12/10/02	Moriau et al.			
	6 5 1 0 6 6 5	1/28/03	Pervan			
	6 5 3 6 1 7 8	3/18/03	Pervan			
	6 5 3 6 1 7 8	3/25/03	Pålsson et al.			
	6 5 4 6 6 9 1	4/15/03	Peopolder			
	6 5 9 1 5 6 8	7/15/03	Pålson			
	6 7 7 2 5 6 8	8/10/04	Thiers et al.			
	6 7 6 9 2 1 8	8/3/04	Pervan			

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
3 3 4 3 6 0 1	6/13/85	DE			
94 / 0 1 6 2 8	1/20/94	WO			
93 / 1 3 2 8 0	7/8/93	WO			
2 2 3 8 6 6 0	2/7/74	DE			
57- 1 1 9 0 5 6	7/24/82	JP			
97 / 4 7 8 3 4	12/18/97	WO			
94 / 2 6 9 9 9	24/11/94	WO			
84 / 0 2 1 5 5	6/7/84	WO			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

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U.S. Department of Commerce  
Patent and Trademark Office

Application No.  
10/521,151

Applicant  
Joachim HASCH et al.

Filing Date  
January 13, 2005

Group  
1772

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